

**ABSTRACT OF THE DISCLOSURE**

A deflection yoke for a cathode ray tube includes a ferrite core that has a body that is funnel-shaped and with an inner surface and an outer surface, the inner surface of the ferrite core including a first section formed as a  
5 circle with a predetermined, unvarying radius; a second section formed as a circle with a varying radius, the second section being connected to the first section; and a third section having a non-circular cross section and connected to the second section.